

Document Type	Document Number	Revision	Date	Title	Description	OPI	Notes
Executive Order	12088	Org	10/13/1978	Federal Compliance with Pollution Control Standards	Ensures that all necessary actions are taken for the prevention, control, and abatement of environmental pollution with respect to Federal facilities and activities under the control of the agency.	Executive Office of the President	All FAA systems must comply with the requirements in this EO.
Executive Order	12196	Org	2/26/1980	Occupational Safety and Health Program for Federal Employees	Executes the provisions of the "Occupational Safety and Health Act" for Federal employees.	Executive Office of the President	All FAA systems must comply with the requirements in this EO.
Executive Order	12873	Org	10/20/1993	Federal Acquisition, Recycling, and Waste Prevention	Consistent with the demands of efficiency and cost effectiveness, the head of each Executive agency shall incorporate waste prevention and recycling in the agency's daily operations and work...	Executive Office of the President	All FAA systems must comply with the requirements in this EO.
Executive Order	12902	Org	3/8/1994	Energy Efficiency and conservation at Federal Facilities, and the Energy Policy Act of 1992	Each agency shall develop and implement a program with the intent of reducing energy consumption by 30 percent by the year 2005 ...	Executive Office of the President	All FAA systems must comply with the requirements in this EO.

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Executive Order	13123	Org	6/8/1999	Greening the Government Through Efficient Energy Management	The Federal Government, as the Nation's largest energy consumer, shall significantly improve its energy management in order to save taxpayer dollars and reduce emissions that contribute to air pollution and global climate change.	Executive Office of the President	All FAA systems must comply with the requirements in this EO.
Handbook	DO-278	Org	3/5/2002	RTCA DO-278, Guidelines for Communication, Navigation, Surveillance and Air Traffic Management (CNS/ATM) Systems Software Integrity Assurance	Provides guidelines for the assurance of software contained in non-airborne CNS/ATM systems.	RTCA	
Handbook	FAA-HDBK-	Org	9/30/1997	Design Handbook for Energy Efficiency and Water Conservation in NAS Facilities	Describes definitive energy efficiency and water conservation design criteria for the design of NAS facilities. It provides implementation strategies and tools to comply with E.O. 12902, <u>Energy and Water Conservation at Federal Facilities</u> , which was issued on March 8, 1994.		
Handbook	FAA-HDBK-	Org	6/27/1997	System Management	Provides guidance for the uniform implementation of the systems and network management architectures recommended for use within the FAA.		

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Handbook	FAA-HDBK-	Org	6/27/1997	NAS Open System Environment (OSE) Application Services	Provides the FAA with information necessary for developing and establishing an organizational Open System Environment (OSE).	ATO-P	
Handbook	FAA-HDBK-	Org	9/4/1997	NAS Internet Protocol Suite	Recommends the protocols, features, and services that should be supported in a FAA IPS environment within the NAS.	ATO-P	
Handbook	FAA-HDBK-	Org	5/1/2006	RMA Handbook	Describes a methodology for allocating NAS service level RMA requirements as defined in NAS-SR-1000 to the system level.	ATO-P	Helps determine how the .99999 availability requirement is applied to FAA systems.
Handbook	N/A	Org	6/1/2006	Acquisition Management System (AMS) Test & Evaluation Process Guidelines	Provides a sound foundation for planning and executing Test and Evaluation activities appropriate to each individual investment program.	FAST	Used in planning a Test and Evaluation program.
Handbook	VNSTC-FAA-95-3	Org	6/17/1905	Human Factors in the Design and Evaluation of Air Traffic Control Systems	Provides background material on the capabilities and limitations of humans as information processors and the evaluation of displays and controls.	DOT VNSTC	Useful human factors information.
Manual	NA	1.1	5/26/2004	FAA Safety Management System Manual	Provides high-level structure, procedures, and responsibilities regarding the functioning of the SMS.		
Order	0000.5	E	5/31/2001	Washington Headquarters Directives Checklist	This is an index of all current and cancelled FAA Orders		

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Order	1010.51	A	3/8/1971	Selection Order: U.S. National Aviation Standard for the Mark X ATCRBS Characteristics	Describes the signal in space characteristics of the ATCBRS system.	AND-450	
Order	1050.10	B	9/13/2004	Prevention Control and Abatement of FAA Environmental Pollution	Establishes FAA policy, roles, and responsibilities for prevention, control, and abatement of environmental pollution at or from FAA facilities.	AEE-200	
Order	1050.17	Org	1/5/1994	Airway Facilities Environmental and Safety Compliance Program	Establishes an Environmental and Safety Compliance Program to assure that all projects, programs, and activities for which FAA is responsible are performed in accordance with applicable laws and regulations.	AJW-23	Implements Order 1050.10.
Order	1100.145	B		Program Technical Report (PTR) Procedures	Describes the FAA procedures for managing ATC operational software problems.	ATR-320	When contractor-developed software is turned over to the FAA for maintenance, this procedure will be used to track PTRs.
Order	1100.157	A	6/1/2001	National Systems Engineering Divisions Maintenance Program Procedures, Operational Support	Implements maintenance engineering support for the National Airspace System (NAS).	AOS-1	
Order	1200.22	C	2/6/2002	Use of National Airspace System (NAS) Computer and Radar Data or Equipment by Outside Interests	Describes procedures for making radar and automation system data available to non-FAA users.	AJW-163	

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Order	1320.1	D	12/1/2001	FAA Directives System	Describes the procedures for producing FAA orders.	APF-100	
Order	1370.66	B	5/1/1992	Aviation Safety Analysis System: Location Identifier Codes	Lists of all FAA Location ID's.	APR-300	A handy reference.
Order	1370.82	A	9/11/2006	Information Systems Security Program	Describes the FAA policy on information systems security.	AIS-500	Any information system must follow the policies described in the order. This newly issued version contains significant changes.
Order	1370.83	Org	2/8/2001	Internet Access Points	Serves as an implementation directive to Order 1370.82, Information Systems Security Program prescribing responsibilities and identifying procedures for establishing and operating an agency Internet Access Point.	AIS-200	This order also applies to all systems, NAS, devices, networks, and applications that establish a connection to the Internet or use Internet resources.
Order	1370.84	Org	3/4/2002	Internet Services	Assigns organizational and management responsibilities for Internet services to conform to security and privacy considerations.	AIS-200	
Order	1375.1	D		Data Management	Establishes an agencywide FAA policy on information/data management and establishes the FAA Data Governance Board.	AIO-300	
Order	1380.40	C	12/1/1992	Airway Facilities Sector Level Staffing Standard System	Provides the basis for human resource allocation in the Airway Facilities.	AFZ-200	

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Order	1600.1	D Chg 3	9/6/2000	Personnel Security Program	Describes personnel security policy under the Department of Transportation (DOT) Order DOT 1630.2, Personnel Security Management, and establishes related standards, criteria, and procedures for the FAA.	ACP-300	
Order	1600.6	E	3/11/2004	Facility Security Policy	Establishes the FAA Facility Security Management Program to protect FAA employees, assets, property, owned or leased facilities, contractors and the public.	ASH-2	Implements FAA Order 1600.69.
Order	1600.69	B	10/1/2003	FAA Facility Security Management Program		AIN-1	
Order	1600.72	Org	4/4/2001	Contractor and Industrial Security Program	Establishes the FAA's Contractor and Industrial Security Program and prescribes related policy, standards, criteria, and guidelines for security screening of contractor employees.	ACP-300	
Order	1600.73	Org	11/30/2001	Contractor and Industrial Security Program Operating Procedures	Describes procedures for implementing the directives and policies governing the FAA contractor and industrial security program.	ACP-300	These procedures are to be used as a supplement to FAA Order 1600.1D, Personnel Security Program.
Order	1600.75	Org	2/1/2005	Protecting Sensitive Unclassified Information	Provides guidance for identifying and protecting sensitive unclassified information.	ASH-1	

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Order	1800.66	Org	11/29/1999	Configuration Management Policy	Directs use of CM policy contained in the AMS and FAA Order 1800.8F.	AJW-272	
Order	1830.3	A	9/21/1992	Telecommunications Management and Operations Policy	Establishes FAA policy on telecommunications management and operations.	AJW-531	
Order	1830.6	B	8/20/1998	Telecommunications Asset Management	Provides guidance regarding assignment, implementation, and engineering of FAA telecommunications assets.	AJW-531	
Order	3000.22	Org	5/1/1998	Air Traffic Service Training		ATS-7	
Order	3900.19	B	4/29/1999	Occupational Safety and Health Program	Establishes the policy framework and assigns responsibility for an effective agencywide employee safety and health program.	AEE-200	Updated 3/8/2006 without changing revision number.
Order	4140.1	A	2/4/1998	Integrated Material Management Program	Establishes the FAA as a primary inventory control activity and as a secondary inventory control activity in its supply support relationship with other Federal Government organizations.	AJW-161	
Order	4250.9	B	1/24/1992	Field Material Management and Control	Establishes agency principles and direction in the area of field materiel management and control.	AJW-161	
Order	4453.1	B	1/17/1992	Quality Assurance of Material Procured by FAA		ASU-400	

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Order	4500.3	D	1/12/1998	Federal Catalog and Standardization Program	Prescribes responsibilities and procedures for FAA participation in the Federal Catalog and Standardization Program.	AJW-161	
Order	4560.1	B	3/10/1989	Policies and Procedures Covering the Provisioning Process During the Acquisition of FAA Material		AFR-100	
Order	4630.1	C	11/12/86	Management of Depot Inventories of Operating Material	Defines FAA depot inventory management system and provides instructions for maintaining inventories of operating material.	AJW-161	
Order	4630.2	A	7/9/1987	Standard Allowance of Supplies and Working Equipment for NAS Facilities		ARS-1	
Order	4630.3	C	3/17/1993	Survey of Lost, Damaged, or Destroyed Personal Government Personal Property	Provides procedures for lost, damaged, or destroyed personal property.	AJW-161	
Order	4633.1	Chg 11	8/7/1990	Physical Inventory	Provides standards and assigns responsibility for conducting physical inventories of FAA-owned accountable personal property.	AJW-161	
Order	4650.30	Org	5/4/1993	Management and Control of NAS F&E Project Material	Prescribes procedures to implement the policies managing and controlling NAS F&E projects contained in the latest edition of Order 4650.7, Management of NAS F&E Project Material.	AJW-161	

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Order	4630.8	Org	10/27/1977	Quality Assurance Policy	Provides policy for quality assurance programs associated with the acquisition of NAS systems, equipment, and material.	ASU-150	This order still applies as the FAA switches to the ISO standards for quality assurance. See FAST.
Order	4650.7	A	5/22/1991	Management of NAS F&E Project Materiel	Describes policy for NAS F&E Project Materiel Management for accomplishment of each stage and major event within a NAS F&E project cycle.	AJW-161	
Order	4650.16	B	7/1/1987	Nationally Furnished Project Materiel Procured by the Washington Headquarters		AAD-50	
Order	4650.20	A	12/4/1974	Reporting and Replacement of Items Failing Under Warranty		ASU-130	
Order	4650.30	Org	5/4/1993	Management and Control of NAS F&E Projects/Materiel	Prescribes the procedures for implementing the policies managing and controlling NAS F&E projects.	AJW-161	Implements Order 4650.7, Management of NAS F&E Project Materiel.
Order	4650.31	Org	6/29/1993	Vendor Shipments of National Furnished Operations-Funded Materiel	Establishes procedures for providing proper shipping documentation for nationally furnished materiel.	AJW-161	
Order	4770.3	A	1/14/1993	Transportation and Traffic Management of Government Property	Sets guidelines for the shipment of all government-owned and personal property shipped a government expense	AJW-161	

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Order	4800.2	C Chg 2	5/31/1996 12/21/2004	Utilization and Disposal of Excess and Surplus Personal Property	Provides guidance on how to acquire, manage, control and dispose of unrequired, excess, and surplus government personal property.	AJW-161	Implements DOT Order H 4410.4.
Order	6000.10	Org	6/1/1982	Airways Facilities Service Maintenance Program	Identifies design and operational characteristics of equipment required to support the maintenance program for Airway Facilities Service; used in all phases of new and replacement system acquisitions, maintenance, and operational life.	AJW-163	
Order	6000.25	Org	6/1/1977	Design and Construction of FAA Facilities		ATB-300	
Order	6000.30	C	1/25/2001	National Airspace System Maintenance Policy	Establishes maintenance policy for the NAS. It defines roles in integrating, managing, maintaining, and operating the NAS infrastructure, as well as determining outsourcing requirements.	AJW-163	
Order	6000.36	A	11/14/1995	Communications Diversity	Establishes guidance to reduce vulnerability of critical NAS telecom services to single points of failure.	AJW-531	This order has an impact on communications costs.
Order	6000.41	B	8/5/2005	Contractor Assisted Maintenance for the NAS	Establishes guidance and policy to allow contractors to assist with maintenance of FAA systems.	AJW-163	

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Order	6010.7	Org	5/14/2004	Joint Acceptance Inspection	Establishes policy and provides guidance for conducting and documenting the JAI.	AJW-163	This order transfers custody and maintenance responsibility from the acquiring office to the responsible maintainer.
Order	6030.20	F	11/2/2004	Electrical Power Policy	Establishes policies, defines electrical power service categories, provides implementation guidelines, and assigns responsibilities for power systems supporting the NAS.	AJW-221	
Order	6030.45	B	8/4/2004	Facility Reference Data File	Establishes requirements and provides guidance for the FRDF maintained for FAA-maintained and -owned facilities and documents technical reference data.	AJW-163	
Order	6040.15	D	11/20/1999	National Airspace Performance Reporting System	Establishes requirements and procedures for reporting NAS facilities and services interruptions.	AJW-162	NAPRS system definitions used to establish RMA requirements as described in FAA-HDBK-006.
Order	6050.19	F	9/5/2005	Radio Spectrum Planning	Establishes FAA policy to ensure FAA communications, navigation, and surveillance systems and supporting systems are capable of receiving FAA spectrum support.	AJW-64	Must be done prior to funding the project.

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Order	6090.1	B	3/20/2000	National Airspace System Managed Subsystems Development and Implementation	Defines responsibilities of the NMS implementation offices assigned engineering responsibility for F&E projects, and the responsibilities of NIMS as related to development and implementation of NMS-to-NIMS communications interfaces.	AUA-700	Systems required to provide RMM must follow these guidelines.
Order	6630.4	A	7/9/1999	En Route Communications Installation Standards Handbook		AJW-53	
Order	6950.2	D	10/1/1998	Electrical Power Policy Implementation at National Airspace System Facilities	Provides guidance for electrical power policy implementation at NAS facilities IAW 6030.20.	AJW-221	Identifies standard electrical power configurations to ensure NAS facility availability.
Order	6950.22	Chg 3	2/8/1978 11/30/1984	Maintenance of Electrical Power and Control Cables	Provides guidance and prescribes technical standards, tolerances, and procedures for maintenance and inspection of electrical power and control cables.	AJW-223	Reprinted 10/2003. This order is current.
Order	6950.27	Org	10/3/1994	Short Circuit Analysis and Protective Device Coordination Study	Directs short circuit analysis and protective device coordination studies for facility power systems.	AJW-22	
Order	6980.24	A	7/12/1988	Battery Theory and Selection Guidelines	Provides battery theory and selection procedures for new and replacement secondary (rechargeable) batteries for application in FAA equipment and facilities.	AJW-22	

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Order	7110.65	R	2/16/2006	Air Traffic Control	Establishes all FAA air traffic control procedures. All FAA systems support the procedures in this order and can be a rich source of requirements.	ATO-R	
Order	8040.4	Org	6/26/1998	Safety Risk Management.	Establishes the safety risk management policy and procedures for implementing safety risk management as a decision.	ASY-300	
Order	8150.1	A	9/21/1987	Technical Standard Order Procedures		AIR-120	
Specification	FAA-C-1217	F	2/26/1996	FAA Specification Electrical Work, Interior	Specifies all interior electrical work in FAA facilities that must be followed.		
Specification	FAA-C-1244	B		Installation of Engine Generators and Fuel Tanks			
Specification	FAA-C-2812	Org		Fuel Storage Tanks, Underground			
Specification	FAA-D-2494	B	3/14/1984	Technical Instruction Book Manuscript: Electronic, Electrical and Mechanical Equipment, Requirements for Preparation of Manuscript and Production of Books	Defines the form and format of Technical Instruction books.		
Specification	FAA-E-2003	A		Cable Control, Shielded Pairs, Interior			

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Specification	FAA-G-2100	H	5/9/2005	Electronic Equipment, General Requirements	Defines the design and construction requirements for FAA equipment, including requirements for electrical, mechanical, safety, seismic, power, and so on.	ATO-P	This is current and being updated continually. The requirements apply to Development Items, Non-Development Items (NDI), and commercial-off-the-shelf (COTS) equipment to be used in FAA facilities. Its use is mandatory in some areas and highly recommended in others.
Specification	NAS-SR-1016	16		System Requirements Specification	Defines the operational requirements and is the approved document for operational requirements for the NAS. This document serves as a source document for system specification preparation.	ATO-P	All FAA requirements trace to this document. If they don't, it will be hard to justify the system.
Specification	NAS-DD-1000			Level 1 Design Document	Defines the functional architecture, including basic NAS elements, sub-elements, subsystems, and their interrelationships.	ATO-P	
Specification	NAS-SS-1000			NAS System Specification", Volume 1 through 5	The FAA document that defines functional, performance, design, construction, logistics, personnel and training, documentation, verification and interface requirements for the NAS.	ATO-P	

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Standard	FAA-STD-0	B	3/4/1976	Color and Texture of Finishes for NAS Equipment	Describes standards for finishes for NAS equipment.		This standard is invoked when procuring NAS equipment that is a new design. It would not normally be used in COTS or NDI procurements.
Standard	FAA-STD-0	E	9/21/1999	Engineering Drawing Preparation and Support	Sets standards for preparing and revising all FAA facility architectural and engineering drawings. Describes computed-aided design requirements, etc.	AFZ-700	If you are doing any facility modifications, then you will need to reference this standard.
Standard	FAA-STD-0	E	8/1/1996	Preparation of Specifications, Standards and Handbooks	Describes required content and format of FAA specifications, standards, and handbooks.	ATO-P	This standard describes the form and format for FAA specifications and standards. It references MIL-STD-961d and MIL-STD-962c.
Standard	FAA-STD-0	A	6/16/1969	Paint System for Equipment	Describes preparation standards for painting and finishing NAS equipment.		This standard is used in conjunction with FAA-STD-001b.
Standard	FAA-STD-0	D	6/15/1994	Quality Control Program Requirements	Establishes the minimum requirements for a quality control program to be established and maintained by FAA contractors for furnishing supplies and services.	ASU-430	This standard is current but is being replaced by ISO-9000 procedures and documentation. Check with ASU-430 before using.

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Standard	FAA-STD-0	A	9/21/1987	Quality Control System Requirements	Establishes the minimum requirements for a quality-control system to be established and maintained by FAA contractors for furnishing supplies and services.	ASU-430	This standard is current but is being replaced by ISO-9000 procedures and documentation. Check with ASU-430 before using.
Standard	FAA-STD-0	A	9/30/1987	Computer Program Quality Program Requirements	Sets the minimum requirements for a computer software quality program to be established and maintained by an FAA contractor for furnishing computer software and related documentation.	ASU-430	This standard is current but is being replaced by ISO-9000 procedures and documentation. Check with ASU-430 before using.
Standard	FAA-STD-0	D	8/9/2002	Lightning and Surge Protection, Grounding, Bonding and Shielding Requirements for Facilities and Electronic Equipment	Defines standard configuration and procedures for lightning and surge protection, grounding, bonding, and shielding practices for FAA facilities housing electronic equipment and FAA electronic equipment.	AOS-100	This standard now combines the older versions of FAA-STD-19 and FAA-STD-20 into one document. It now describes lightning and surge protection and grounding bonding and shielding requirements for both facilities and equipment. Older versions of these standards are still in use on current contracts. New contracts will use FAA-STD-19d.

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Standard	FAA-STD-0	B	5/11/1992	Transient Protection Grounding, Bonding and Shielding for Electronic Equipment	Defines requirements for the application of transient protection, grounding, bonding, shielding, and personnel protection practices of electronic equipment. Also defines electromagnetic interference requirements.		This standard has been superceded by FAA-STD-19d. Older versions of this standard are still in use on current contracts. New contracts will use FAA-STD-19d.
Standard	FAA-STD-0	B	8/22/1994	Content and Format Requirements for the Preparation of Test and Evaluation Documents	Defines the minimum content and format requirements for preparing all required test and evaluation documentation.	ATO-P	This standard is still current but is being superceded by AMS templates.
Standard	FAA-STD-0	E	8/9/2002	Preparation of Interface Documentation	Defines the format and content of Interface Requirements Documents, Interface Control Documents, and Interface Revisions.	ATO-P	If the government or a vendor is producing an IRD or ICD, this standard shall be followed.
Standard	FAA-STD-0	A	6/1/2001	Software Development for the National Airspace System	Defines and establishes NAS software development requirements.	ASU-250	Software developed under FAA contract shall adhere to the requirements in this standard.
Standard	FAA-STD-0	C	11/16/2000	Contract Training Programs	Defines and establishes requirements for contractor-developed and -delivered training.		Training developed under FAA contract shall adhere to the requirements in this standard.

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Standard	FAA-STD-0	D	12/22/1995	Selection and Implementation of Telecommunications Standards	Defines telecommunications standards for the FAA to use in preparing specifications and related procurement documents that are used when leasing or purchasing telecommunications systems, services, or equipment.		Although this standard has not been updated recently, it still contains useful data.
Standard	FAA-STD-0	Org	4/29/1986	Design Standards for National Airspace System Facilities	Defines design requirements for new and modified NAS physical facilities.	ATO-W	This standard is used primarily for national standard facility designs.
Standard	FAA-STD-0	Org		Design Standards for Energy Management in NAS Physical Facilities			Use FAA-HDBK-001, Design Handbook for Energy Efficient and Water Conservation in NAS Facilities.
Standard	FAA-STD-3	B	5/10/1994	Preparation of Project Implementation Plans	Specifies the organization and content of Project Implementation Plans.	ATO-P	
Standard	FAA-STD-0	B	5/1/1996	National Airspace System (NAS) Open System Architecture and Protocols	Specifies a minimal set of protocol and service requirements for use by FAA to develop interface requirements for data communications in the NAS.	ATO-P	
Standard	FAA-STD-4	Org	5/5/1994	National Airspace System (NAS) Open Systems Interconnection (OSI) Naming and Addressing	Defines requirements for OSI names and addresses within the NAS.	ATO-P	Currently being updated.

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Standard	FAA-STD-0	A	5/10/1994	National Airspace System (NAS) Open System Interconnection (OSI) Priority	Defines and establishes the required priority indicators to be used when using the priority option of the OSI protocols while exchanging messages between NAS open-end systems.	ATO-P	
Standard	FAA-STD-0	Org	11/21/1994	Open Systems Interconnection Security Architecture, Protocols and Mechanisms	Defines approved protocols and mechanisms for ensuring secure data communication within the NAS.	ATO-P	Currently being updated.
Standard	FAA-STD-0	Org	12/29/1993	National Airspace System (NAS) Open System Interconnection (OSI) Conformance Testing	Defines requirements for ensuring that vendor-supplied OSI products conform to the NAS OSI requirements specified in FAA-STD-039.	ATO-P	
Standard	FAA-STD-0	Org	7/7/1995	National Airspace System (NAS) Open System Interconnection (OSI) Interoperability	Defines requirements for ensuring that peer vendor OSI products conforming to FAA-STD-039 and FAA-STD-047 are able to interoperate correctly with each other.	ATO-P	
Standard	NFPA 70		6/27/1905	National Electrical Code	Defines the National Electrical Code (NEC) requirements that must be followed in FAA equipment and installations.	NFPA	Most applicable equipment requirements from the NEC are specified in FAA-G-2100.

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Standard	MIL-STD-461	A	12/19/2002	Electromagnetic Environmental Effects Requirements for Systems	Establishes electromagnetic environmental effects (E3) interface requirements and verification criteria for airborne, sea, space, and ground systems, including associated ordnance.	DOD	
Standard	MIL-STD-1472	F	12/5/2003	Design Criteria Standard Human Engineering	This standard establishes general human engineering design criteria for military systems, subsystems, equipment and facilities.	DoD	
Standard	MIL-STD-1689	C	10/25/1995	Electrostatic Discharge Control Program for Protection of Electrical and Electronic Parts, Assemblies, and Equipment	Establishes comprehensive requirements for an electrostatic discharge (ESD) control program to minimize the effects of ESD on parts, assemblies, and equipment.	DoD	